

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	427	(381/71.11-71.14,).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 18:59
L2	2189	(381/312,57,94.1,102,317).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 18:59
S1	2	automatic near2 input near2 calibration near2 syste\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/30 10:59
S2	1	automatic same (input near2 calibration near2 syste\$2)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/30 10:59
S3	347	automatic adj3 calibration adj2 syste\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/30 11:02
S4	31	(automatic adj3 calibration adj2 syste\$2) same opti\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/30 11:03
S6	6	(automatic adj3 calibration adj2 syste\$2) and (transdu\$3 near3 opti\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/30 11:04
S7	164	(calibration adj2 syste\$2) and (transdu\$3 near3 opti\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/30 11:04
S8	10	(calibration adj2 syste\$2) same (transdu\$3 near3 opti\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/30 11:04
S10	444	("702"/\$).ccls. and transdu\$3 same opti\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/30 11:08
S11	17	(noise adj2 estimat\$4) same algorithm same window	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/30 11:32
S12	0	(noise adj2 estimat\$4) same algorithm same door	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/30 11:32
S13	9	(noise adj2 estimat\$4) same algorithm and door	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/30 11:32

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S14	4	((("20020172374") or ("20020085725") or ("20030035549") or ("20020172376"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/08/26 18:20
S15	35	((("4558460") or ("5666426") or ("5550922") or ("5530761") or ("5509081") or ("5450494") or ("5615270") or ("5434922") or ("5172358") or ("5107539") or ("4953221") or ("4891837") or ("4882762") or ("4868881") or ("4628526") or ("4553257") or ("4322579") or ("5631968") or ("5463695") or ("5444788") or ("4972164") or ("4947133") or ("4859964") or ("4853963") or ("4641361") or ("4562591") or ("4482973") or ("4368435") or ("4306202") or ("4249042") or ("4216427") or ("4169219") or ("3789143"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/22 19:32
S16	78	(381/71.14).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/11/12 18:37
S17	389	(381/71.9-71.14).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/07/26 17:17
S18	67	(381/71.9-71.14).ccls. and ambient	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/10 16:21
S19	21	("3992585" "4481662" "4483015" "4504704" "4594695" "4596033" "4672674" "4677676" "4741038" "4783817" "4783818" "4845757" "4953217" "4956867" "4985925" "5018202" "5033082" "5046103" "5091954" "5117461" "5138664").PN.	USPAT	OR	OFF	2005/09/09 14:38
S20	8	(381/71.1-71.14).ccls. and (environment\$2 adj3 input)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/18 18:27
S21	1	(381/71.1-71.14).ccls. and (time adj3 response adj4 algorit\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/24 10:01
S22	31	(381/71.1-71.14).ccls. and (time adj4 algorit\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/24 10:09

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S23	2	(381/71.1-71.14,56,94.1).ccls. and (time adj4 algorit\$3) same delay	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 13:30
S24	25	(381/71.1-71.14,56,94.1).ccls. and (time adj4 algorit\$3) and delay	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/07/26 17:38
S25	5	(381/71.1-71.14,56,94.1).ccls. and (time adj4 algorit\$3) and delay and threshol\$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/24 10:54
S26	5	(381/71.9-71.14).ccls. and (environment\$2 adj3 input)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/09 15:19
S27	5	("4852175" "5581621" "6098038" "6128353" "6430528").PN.	USPAT	OR	OFF	2004/08/24 09:38
S28	33	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/13 13:01
S29	16	(noise adj2 extrac\$3) same algorit\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/24 09:50
S30	20	(noise adj2 extrac\$4) same algorit\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 18:26
S31	10	"5509081".URPN.	USPAT	OR	OFF	2004/08/24 09:57
S32	7	(381/71.1-71.14).ccls. and (time adj3 response) same algorit\$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/24 10:01
S33	40	"4536887".URPN.	USPAT	OR	OFF	2004/08/24 10:03
S34	2	syfx.AS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/24 10:09
S35	8	("4887299" "5027410" "5515432" "5526419" "5615270" "6088461" "6104822" "6360203").PN.	USPAT	OR	OFF	2004/08/24 10:09
S37	358	(381/71.11-71.14).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/24 11:39
S38	5	("4852175" "5581621" "6098038" "6128353" "6430528").PN.	USPAT	OR	OFF	2004/08/24 11:33
S39	217	(381/71.11-71.14).ccls. and delay	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/24 11:41

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S40	49	(381/71.11-71.14).cccls. and algorit\$2 same delay	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/25 16:07
S41	6	(381/71.11-71.14).cccls. and algorit\$2 same delay same gain	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/24 11:48
S42	8	("4887299" "5027410" "5515432" "5526419" "5615270" "6088461" "6104822" "6360203").PN.	USPAT	OR	OFF	2004/08/24 11:49
S43	3	"5615270".URPN.	USPAT	OR	OFF	2004/08/24 11:50
S44	3	"5615270".URPN.	USPAT	OR	OFF	2004/08/24 11:50
S45	82	("3714622" "3934084" "3934085" "4025723" "4223181" "4247955" "4254303" "4297527" "4306115" "4380824" "4406923" "4409435" "4438526" "4461025" "4476571" "4479237" "4553258" "4590593" "4598417" "4628526" "4636586" "4641344" "4649505" "4672674" "4677389" "4696030" "4696044" "4718099" "4723294" "4731850" "4751739" "4769847" "4823391" "4827458" "4837834" "4852175" "4864246" "4887299" "4891605" "4953221" "4956867" "4965834" "5018202" "5018205" "5048091" "5068834" "5077799" "5081682" "5089997" "5107539" "5117401" "5126681" "5131047" "5146505" "5146507" "5204971" "5208866" "5226016" "5243661" "5255324" "5267322" "5291558" "5293425" "5311446" "5325437" "5416846" "5434922" "5434926" "5450494" "5485523" "5530761" "5539832" "5615270" "5635903" "5666426" "5774565" "5796847" "5844992" "5872852" "6061455" "6072881" "6078670" "2001/0055400").PN.	USPAT	OR	OFF	2007/11/14 16:06
S46	178	(381/71.11).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/24 12:50

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S47	10	(381/71.11-71.14).ccls. and noise adj3 fluctuat\$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/25 14:51
S48	1	("5450494").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2004/08/25 15:02
S49	5	("4852175" "5581621" "6098038" "6128353" "6430528").PN.	USPAT	OR	OFF	2004/08/25 15:06
S50	8	("4887299" "5027410" "5515432" "5526419" "5615270" "6088461" "6104822" "6360203").PN.	USPAT	OR	OFF	2004/08/25 15:08
S51	230	(noise adj2 extrac\$4) and algorit\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/25 15:40
S52	36	(noise adj2 extrac\$4) same reference and algorit\$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/25 15:42
S53	37	(noise adj2 extrac\$4) same (reference adj2 signal)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/25 16:02
S54	1	("5509081").PN.	USPAT; USOCR	OR	OFF	2004/08/25 15:57
S55	10	"5509081".URPN.	USPAT	OR	OFF	2004/08/25 15:57
S56	7	"5907622".URPN.	USPAT	OR	OFF	2004/08/25 16:00
S57	30	(noise adj2 extrac\$4) same (fluctua\$6)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/25 16:02
S58	17	(381/71.11-71.14).ccls. and time adj2 response	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/25 16:10
S59	226	(381/71.11-71.14).ccls. and amplitude	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/25 16:17
S60	10	(381/71.11-71.14,71.1-71.4).ccls. and loop adj3 process\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/25 16:24
S61	163	(381/71.11-71.14,71.1-71.4).ccls. and reference same algorithm.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/25 16:24

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S62	17	("4122432" "4429578" "4750147" "4965732" "5119432" "5201292" "5245589" "5255565" "5270950" "5410604" "5419198" "5430690" "5434783" "5511008" "5528557" "5535131" "5727073").PN.	USPAT	OR	OFF	2004/08/25 16:28
S63	2	((("4589137") or ("5251263"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/08/26 18:21
S64	232	(noise adj2 extrac\$4) and algorithm	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 18:31
S65	319	(noise adj2 estimat\$4) same algorithm	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/30 11:31
S66	334	(381/71.11-71.14,71.1-71.4).ccls. and algorithm	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/08/26 18:41
S69	1	(381/71.9-71.14,94.1-94.7,71.1-71.4).ccls. and (modify\$3 with (ambient or environment\$2)) with algorithm	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/03 14:31
S70	6	(381/71.9-71.14,94.1-94.7,71.1-71.4).ccls. and (modify\$3 with (ambient or environment\$2 or noise)) with algorithm	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/01 16:32
S71	2	(381/71.9-71.14,94.1-94.7,71.1-71.4).ccls. and (modify\$3 with (ambient or environment\$2 or noise)) with ((error adj2 correction) or (time adj2 response) or (amplitude adj2 response))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/04 18:09
S72	6	("5615270").URPN.	USPAT	OR	OFF	2005/06/03 14:26
S73	6	("5615270").URPN.	USPAT	OR	OFF	2005/06/03 14:26
S74	11	(381/71.9-71.14,94.1-94.7,71.1-71.4).ccls. and (negative adj2 feedback) same (difference or subtract\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/03 14:34
S75	23	(381/71.9-71.14,94.1-94.7,71.1-71.4).ccls. and (negative adj2 feedback) and microphones	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/04 12:47
S76	3	(381/71.9-71.14,94.1-94.7,71.1-71.4).ccls. and (adaptive with compander)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/04 12:48
S77	14	("381"/\$).ccls. and (adaptive with compander)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/06/04 12:48

EAST Search History

S78	1	("5832097").PN.	USPAT	OR	OFF	2005/09/09 14:08
S79	5	((("4553257") or ("4628526") or ("4868881") or ("4482973") or ("5666426")).PN.	USPAT	OR	OFF	2005/09/09 14:40
S80	1	(381/71.1-71.14,56,94.1).ccls. and (algorit\$3) same (time adj2 response) same error	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/09 14:50
S81	266	(381/71.9-71.14).ccls. and algorithm	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/09 15:26
S82	16	(381/71.9-71.14).ccls. and (difference with noise with reference)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/09 15:27
S83	23	(381/71.9-71.14).ccls. and (negative adj2 feedback)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/09 15:29
S84	7	(381/71.1-71.14,94.1-94.7).ccls. and (negative adj2 feedback) same difference	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/28 14:24
S85	199	(381/71.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/22 10:48
S86	60	(381/71.13).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/09/09 16:10
S87	316	(381/94.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 10:55
S88	470	(381/56).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/09/09 15:42
S89	14	(381/71.1-71.14,94.1-94.7).ccls. and (negative near2 feedback) same (difference or subtract\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/09 16:28
S90	4	(381/71.1-71.14,94.1-94.7).ccls. and (algorithm) same (error adj2 correction)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/09 17:10
S91	8	("381"/\$).ccls. and (algorithm) same (error adj2 correction)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/09 16:30
S92	143	("381"/\$).ccls. and (algorithm) near4 (time)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/09 16:31

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S93	61	(381/71.1-71.14,94.1-94.7).ccls. and (algorithm) near4 time	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/18 09:25
S94	2	(381/71.1-71.14,94.1-94.7).ccls. and (algorithm) near4 time same (speaker same noise)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/09 16:33
S95	2	(381/71.1-71.14,94.1-94.7).ccls. and ((algorithm) near4 time) same (speaker same noise)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/09 16:34
S96	17	(381/71.1-71.14,94.1-94.7).ccls. and (algorithm) same amplitude same (speaker same noise)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/09 17:02
S97	9	(381/71.1-71.14,94.1-94.7).ccls. and (algorithm) same (power adj3 estima\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/09 17:05
S98	8	("381"/\$).ccls. and (power adj3 estima\$4 adj3 algorithm)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/09 17:05
S99	27	(power adj3 estima\$4 adj3 algorithm) and noise	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/09 17:05
S10 0	426	(381/71.1-71.14,94.1-94.7).ccls. and (algorithm) same (error or time or amplitude)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/09/09 17:10
S10 1	35	((("4558460") or ("5666426") or ("5550922") or ("5530761") or ("5509081") or ("5450494") or ("5615270") or ("5434922") or ("5172358") or ("5107539") or ("4953221") or ("4891837") or ("4882762") or ("4868881") or ("4628526") or ("4553257") or ("4322579") or ("5631968") or ("5463695") or ("5444788") or ("4972164") or ("4947133") or ("4859964") or ("4853963") or ("4641361") or ("4562591") or ("4482973") or ("4368435") or ("4306202") or ("4249042") or ("4216427") or ("4169219") or ("3789143"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/01 14:35
S10 2	1	S101 and (algorithm with (error or amplitude or time))	USPAT	OR	OFF	2005/10/04 18:06
S10 3	265	(381/71.9-71.14,94.1-94.7,71.1-71. 4).ccls. and (modify\$3 or chang\$3 or compensat\$4) with (ambient or environment\$2 or noise or microphone) with (error or time or amplitude)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 11:33

EAST Search History

S10 4	2	((("6418228") or ("6324502")).PN.	USPAT	OR	OFF	2005/10/04 19:01
S10 5	35	(381/71.9-71.14,94.1-94.7,71.1-71.4,56).cccls. and (modify\$3 or chang\$3 or compensat\$4) with (ambient or environment\$2) with (noise or microphone) with (error or time or amplitude)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 14:24
S10 6	10	("381"/\$).cccls. and (modify\$3 or chang\$3 or compensat\$4) with (ambient or environment\$2) with (noise or microphone) with (error or time or amplitude) same algorithm	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 11:38
S10 7	15	(modify\$3 or chang\$3 or compensat\$4) with (ambient or environment\$2) with (noise or microphone) with (error or time or amplitude) same algorithm	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 11:43
S10 8	1	("5832097").PN.	USPAT	OR	OFF	2005/10/17 11:42
S10 9	34	(modify\$3 or chang\$3 or compensat\$4) with (ambient or environment\$2) with (noise or microphone) same (error or time or amplitude) same algorithm	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 11:43
S11 0	2	(modify\$3 or chang\$3 or compensat\$4) with (ambient or environment\$2) with (noise or microphone) same (error or time or amplitude) same algorithm same difference	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 11:43
S11 1	0	(381/71.9-71.14,94.1-94.7,71.1-71.4,56).cccls. and (ambient or environment\$2) with (noise or microphone) same (error or time or amplitude) same algorithm same difference	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 11:59
S11 2	1	(381/71.9-71.14,94.1-94.7,71.1-71.4,56).cccls. and (ambient or environment\$2) same (noise or microphone) same (error or time or amplitude) same algorithm same difference	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 13:14
S11 3	31	(ambient or environment\$2) same (noise or microphone) same (error or time or amplitude) same algorithm same difference	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 13:15

EAST Search History

S11 4	35	((("4558460") or ("5666426") or ("5550922") or ("5530761") or ("5509081") or ("5450494") or ("5615270") or ("5434922") or ("5172358") or ("5107539") or ("4953221") or ("4891837") or ("4882762") or ("4868881") or ("4628526") or ("4553257") or ("4322579") or ("5631968") or ("5463695") or ("5444788") or ("4972164") or ("4947133") or ("4859964") or ("4853963") or ("4641361") or ("4562591") or ("4482973") or ("4368435") or ("4306202") or ("4249042") or ("4216427") or ("4169219") or ("3789143"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/10/17 13:27
S11 5	4	S114 and (LMS or algorithm)	US-PGPUB; USPAT	OR	OFF	2005/10/17 13:28
S11 6	398	(381/71.1-71.14,56,94.1).cccls. and (noise) same (LMS or algorithm)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 13:35
S11 7	0	(381/71.1-71.14,56,94.1).cccls. and (noise) same (LMS or algorithm) same (negative adj2 feedback)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 13:38
S11 8	0	(381/71.1-71.14,56,94.1).cccls. and (noise or ambient or environmen\$4) same (LMS or algorithm) same (negative adj2 feedback)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 13:37
S11 9	0	("381"/\$).cccls. and (noise or ambient or environmen\$4) same (LMS or algorithm) same (negative adj2 feedback)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 13:37
S12 0	0	(381/71.1-71.14,56,94.1).cccls. and (noise) same (LMS or algorithm) same (negative near3 feedback)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/29 10:31
S12 1	0	("381"/\$).cccls. and (noise) same (LMS or algorithm) same (negative near3 feedback)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 13:37
S12 2	1	("381"/\$).cccls. and (LMS or algorithm) same (negative near3 feedback)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 13:38
S12 3	6	(381/71.1-71.14,56,94.1).cccls. and (noise) same (LMS or algorithm) same (difference) same feedback	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 13:39
S12 4	1	("5450494").PN.	USPAT	OR	OFF	2005/10/17 13:39

EAST Search History

S12 5	3	(381/71.9-71.14,94.1-94.7,71.1-71.4,56).ccls. and (power with adaptive) same small same noise	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 14:29
S12 6	118	(381/71.9-71.14,94.1-94.7,71.1-71.4,56).ccls. and (power with adaptive)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 14:29
S12 7	3	(381/71.9-71.14,94.1-94.7,71.1-71.4,56).ccls. and (feedback) with gain with maximum with minimum	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 14:32
S12 8	12	("381"/\$).ccls. and (feedback) with gain with maximum with minimum	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 14:34
S13 0	19	("381"/\$).ccls. and (feedback) same gain with maximum with minimum	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 14:50
S13 1	29	noise same (feedback) same gain with maximum with minimum	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 14:50
S13 2	101	("381"/\$).ccls. and (feedback) and gain with maximum with minimum	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 14:51
S13 3	42	("381"/\$).ccls. and (noise same feedback) and gain with maximum with minimum	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 14:51
S13 4	5	("4852175" "5581621" "6098038" "6128353" "6430528").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/17 14:52
S13 5	388	(381/71.11-71.14,).ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/19 18:58
S13 6	177	(381/71.11-71.14,).ccls. and gain	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/17 16:14
S13 7	16	(381/71.1-71.14,94.1-94.7).ccls. and (algorithm) with time with response	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/18 09:27
S13 8	11	(381/71.1-71.14,94.1-94.7).ccls. and (algorithm) with time with response and delay	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/18 09:33
S13 9	1	(381/71.1-71.14,94.1-94.7).ccls. and (algorithm) same time same response same delay same threshold	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/18 10:09
S14 0	1	("381"/\$).ccls. and (algorithm) same time same response same delay same threshold	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/18 09:35

EAST Search History

S14 1	1	("381"/\$).cccls. and (algorithm or LMS) same time same response same delay same threshold	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/18 09:35
S14 2	37	(algorithm or LMS) same time same response same delay same threshold	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/18 09:36
S14 3	43	(algorithm or LMS) same time same response same delay\$3 same threshold	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/18 09:36
S14 4	35	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/03/23 17:19
S14 5	1	S144 and delay same threshold	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/18 09:44
S14 6	12	S144 and delay and threshold	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/18 09:49
S14 7	12	S144 and delay\$3 and threshold\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/18 09:49
S14 8	12	S144 and time same delay\$3 and threshold\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/18 09:54
S14 9	1	S144 and time with response with algorithm same delay\$3 same threshold\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/28 14:25
S15 0	1	S144 and time with response with algorithm same delay\$3 and threshold\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/18 09:56
S15 1	1	S144 and time with response with algorithm and delay\$3 and threshold\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/18 09:59
S15 2	1	S144 and time with response with algorithm	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/18 10:00
S15 3	3	S144 and amplitude with algorithm	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/18 10:00
S15 4	1	(381/71.1-71.14,94.1-94.7).cccls. and (algorithm or formula or rule) same time same response same delay same threshold	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/18 10:10
S15 5	35	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/01 13:52

EAST Search History

S15 6	1	S155 and fourier and difference and recti\$7 and envelope and ((root-mean-square) or RMS) and environmental and reference and input and prior	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/01 14:46
S15 7	216	(381/71.1-71.14).cccls. and ((environment\$2 or noise or ambient) adj3 input)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/01 14:12
S15 8	35	((("4558460") or ("5666426") or ("5550922") or ("5530761") or ("5509081") or ("5450494") or ("5615270") or ("5434922") or ("5172358") or ("5107539") or ("4953221") or ("4891837") or ("4882762") or ("4868881") or ("4628526") or ("4553257") or ("4322579") or ("5631968") or ("5463695") or ("5444788") or ("4972164") or ("4947133") or ("4859964") or ("4853963") or ("4641361") or ("4562591") or ("4482973") or ("4368435") or ("4306202") or ("4249042") or ("4216427") or ("4169219") or ("3789143"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/01 14:36
S15 9	1	("5692055").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/01 14:36
S16 0	0	S155 and fourier and difference and recti\$7 and envelope and ((root-mean-square) or RMS) and environmental and reference and input and prior and delay and threshold and noise and time and nonlinear and exponetial and logarithmic and amplitude and scal\$3 and addi\$5 and multipl\$8 and digital and analog and sub-inputs and negative and feedback	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/01 14:50

EAST Search History

S16 1	1	S155 and fourier and difference and recti\$7 and envelope and ((root-mean-square) or RMS) and environmental and reference and input and prior and delay and threshold and noise and time and nonlinear and exponential and logarithmic and amplitude and scal\$3 and addi\$5 and multipl\$8 and digital and analog and sub-inputs and negative and feedback	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/01 14:50
S16 2	1	("5832097").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/11/22 19:32
S16 3	36	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/03/23 17:20
S16 4	12	S163 and time and amplitude and error and correction and algorithm and plurality	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/03/23 17:20
S16 5	39	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/28 14:25
S16 6	1	S165 and (time with response with algorithm) and threshold and delay\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/28 14:26
S16 7	1	S165 and ((time with response) same algorithm) and threshold and delay\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/28 14:27
S16 8	1	S165 and ((time with response) same algorithm) and slow	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/28 14:27
S16 9	13	S165 and (time with response) and algorithm and slow	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/12/28 14:37
S17 0	13	S165 and (time with response) and algorithm	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/10 16:50
S17 1	13	S165 and (time with response) and algorithm	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/28 14:39
S17 2	13	S165 and (time same response) and algorithm	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/12/28 14:39

EAST Search History

S17 3	185	(381/71.1-71.14,56,94.1).ccls. and (noise) same (LMS or algorithm) same time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/29 10:35
S17 4	17	(381/71.1-71.14,56,94.1).ccls. and (noise) same (LMS or algorithm) same (time with response)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/29 10:45
S17 5	3	("3855423" "4000369" "4885790").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/29 10:36
S17 6	53	(381/71.1-71.14,56,94.1,102-109).ccls. and (noise) same amplitude same feedback same (gain volume)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/29 11:20
S17 7	10	("4455675" "4489441" "4527282" "4769766" "4987598" "5159547" "5182774" "5229699" "5386477" "5600729").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/29 10:54
S17 8	8	(381/71.1-71.14,56,94.1,102-109).ccls. and (noise near3 extract\$3) and ((open near2 loop)(closed near2 loop)(leakage near2 loop)) and (reaction near2 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/29 11:23
S17 9	10	(381/71.1-71.14,56,94.1,102-109).ccls. and (noise) and ((open near2 loop)(closed near2 loop)(leakage near2 loop)) and (reaction near2 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/29 11:27
S18 0	12	("381"/\$).ccls. and (noise) and ((open near2 loop)(closed near2 loop)(leakage near2 loop)) and (reaction near2 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/09 16:12
S18 1	13	("381"/\$).ccls. and (noise) and ((open near2 loop)(closed near2 loop)(leakage near2 loop)) and (reaction same time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/29 11:26
S18 2	47808	(381/71.1-71.14,56,94.1,102-109).ccls. and (noise) and (feedback) same differnece subtract	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/09 11:08

EAST Search History

S18 3	8	(381/71.1-71.14,94.1-94.7).ccls. and (feedback) same (subtract\$3 difference) same reference same (ambient environment\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/29 11:39
S18 4	10	("4677676" "4677677" "5018202" "5499302" "5745580" "5852667" "5940519" "5945019" "5991418" "6097823").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/29 11:31
S18 5	6	(381/71.1-71.14,94.1-94.7).ccls. and (negative near2 feedback) same (subtract\$3 difference) same reference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/29 11:40
S18 6	15	(381/71.1-71.14,94.1-94.7).ccls. and (negative near2 feedback) same (subtract\$3 difference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/29 11:40
S18 7	33	(381/71.1-71.14,94.1-94.7, 102-109).ccls. and (negative near2 feedback) same (subtract\$3 difference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2006/12/29 12:03
S18 8	37	(381/71.1-71.14,56,94.1,102-109). ccls. and (noise) same (attack near3 release)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/09 11:11
S18 9	12	(381/71.1-71.14,56,94.1,102-109). ccls. and (noise) and (variable near3 attack near3 release)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/09 14:27
S19 0	3	((("5784476") or ("6678382") or ("5530761"))).PN.	USPAT	OR	OFF	2007/01/09 11:18
S19 1	9	(noise) and ((variable near3 attack near3 release) same algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/18 16:19
S19 2	9	(ambient environment\$2) and ((variable near3 attack near3 release) same algorithm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/09 14:29

EAST Search History

S19 3	14	(noise) and (variable near3 attack near3 release) and algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/09 14:30
S19 4	13	(ambient environment\$2) and (variable near3 attack near3 release) and algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/09 14:31
S19 5	88	(ambient environment\$2) same (response near2 time) same algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/09 14:32
S19 6	2	"381"/\$.ccls. and (ambient environment\$2) same (response near2 time) same algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/09 14:33
S19 7	5	noise same (ambient environment\$2) same (response near2 time) same algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/09 14:33
S19 8	234	(381/71.1-71.14,94.1-94.7, 102-109).ccls. and (low near2 pass near2 filter) same (variable near3 response near2 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/09 15:17
S19 9	0	(381/71.1-71.14,94.1-94.7, 102-109).ccls. and (low near2 pass near2 filter) same (variable near3 response near2 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/10 14:35
S20 0	17	(381/71.1-71.14,94.1-94.7, 102-109).ccls. and (low near2 pass near2 filter) same (response near2 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/09 15:17
S20 1	11	("381"/\$.ccls. and (noise) and ((open near2 loop)(closed near2 loop)(leakage near2 loop)) and (reaction near2 time) and algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/09 16:14
S20 2	8	("381"/\$.ccls. and (adaptive with (compander compressor expand\$3)) same ((response reaction) near2 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/09 16:15

EAST Search History

S20 3	14	(adaptive with (compander compressor expand\$3)) same ((response reaction) near2 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/09 16:17
S20 4	5	("4852175" "5581621" "6098038" "6128353" "6430528").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 16:15
S20 5	39	(adaptive with (compander compressor expand\$3)) same (response reaction) same time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/09 17:38
S20 6	1	("6665410").PN.	USPAT	OR	OFF	2007/01/09 17:38
S20 7	10	("4455675" "4489441" "4527282" "4769766" "4987598" "5159547" "5182774" "5229699" "5386477" "5600729").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/09 17:38
S20 8	0	("6665410").URPN.	USPAT	OR	OFF	2007/01/09 17:40
S20 9	0	("6665410").URPN.	USPAT	OR	OFF	2007/01/09 17:40
S21 0	0	("6665410").URPN.	USPAT	OR	OFF	2007/01/09 17:40
S21 1	5	dent.in. and loudspeaker and model	USPAT; USOCR; FPRS; EPO	OR	OFF	2007/01/09 18:03
S21 2	14	("5680450").URPN.	USPAT	OR	OFF	2007/01/09 18:02
S21 3	910	"381"/\$.ccls. and loudspeaker and model	US-PGPUB; USPAT	OR	OFF	2007/01/09 18:04
S21 4	19	"381"/\$.ccls. and loudspeaker same model same inverse	US-PGPUB; USPAT	OR	OFF	2007/01/09 18:04
S21 5	0	("6760451").URPN.	USPAT	OR	OFF	2007/01/09 18:04
S21 6	0	("6760451").URPN.	USPAT	OR	OFF	2007/01/09 18:04
S21 7	25	("5091953").URPN.	USPAT	OR	OFF	2007/01/10 14:29
S21 8	25	("5091953").URPN.	USPAT	OR	OFF	2007/01/10 14:32
S21 9	1	("4878188").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/10 14:32

EAST Search History

S22 0	6	("4122303" "4153815" "4417098" "4649505" "4677676" "4677677").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/10 14:32
S22 1	3	(381/71.1-71.14,94.1-94.7, 102-109).ccls. and (low near2 pass near2 filter) same (delay) same algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/10 14:36
S22 2	9	(381/71.1-71.14,94.1-94.7,102-109, 73.1).ccls. and (noise) same (ambient environment\$2) same (delay) same algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/10 14:47
S22 3	14	(381/71.1-71.14,94.1-94.7,102-109, 73.1).ccls. and microphone same (algorithm with delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/10 14:48
S22 4	4	(381/71.1-71.14,94.1-94.7,102-109, 73.1).ccls. and microphone same (algorithm near3 delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/10 16:00
S22 5	12	"381"/\$.ccls. and microphone same (algorithm near3 delay)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/10 14:51
S22 6	47	(381/71.1-71.14,94.1-94.7,102-109, 73.1).ccls. and microphone same (reference) same (difference subtract\$3) same (gain volume amplitude)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/10 16:01
S22 7	13	(381/71.1-71.14,94.1-94.7,102-109, 73.1).ccls. and microphone same (reference) same (difference subtract\$3) same (gain volume amplitude) same feedback	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/10 16:17
S22 8	16	(381/71.1-71.14,94.1-94.7,102-109, 73.1).ccls. and microphone same (\$4speaker) same (difference subtract\$3) same (gain volume amplitude) same feedback	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/10 16:48
S22 9	298	(381/71.9-71.14).ccls. and (difference subtract\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/10 16:22

EAST Search History

S23 0	0	(381/71.1-71.14,94.1-94.7,102-109,73.1).ccls. and feedback with (gain volume) with max\$4 with minimum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/10 17:11
S23 1	0	(381/71.1-71.14,94.1-94.7,102-109,73.1).ccls. and feedback same (gain volume) same (max\$4 with minimum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/10 17:12
S23 2	39	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/10 16:50
S23 3	13	S232 and (minimum and maximum and feedback)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/11 12:02
S23 4	0	(381/71.1-71.14,94.1-94.7,102-109,73.1).ccls. and feedback with (gain volume) with minimum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/10 17:11
S23 5	0	(381/71.1-71.14,94.1-94.7,102-109,73.1).ccls. and feedback same (gain volume) same (minimum)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/10 17:12
S23 6	146	(381/71.1-71.14,94.1-94.7,102-109,73.1).ccls. and feedback same (gain volume) same (high same low)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/10 17:13
S23 7	112	(381/71.1-71.14,94.1-94.7,102-109,73.1).ccls. and feedback same (gain volume) same (high with low)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/10 18:27
S23 8	75	(381/71.1-71.14,94.1-94.7,102-109,73.1).ccls. and (user with (gain volume)) same (high with low)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/11 11:02
S23 9	13	S232 and (minimum and maximum and feedback) and (difference subtract\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/10 18:37
S24 0	383	(381/94.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/11 10:56

EAST Search History

S24 1	6	S240 and microphone and (feedback same (gain volume) same (minimum low) same (maximum high))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/11 10:56
S24 2	97	(381/71.1-71.14,94.1-94.7,102-109, 73.1,56).ccls. and microphone and (feedback same (gain volume) same (minimum low) same (maximum high))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/11 11:03
S24 3	46	(381/71.1-71.14,94.1-94.7,102-109, 73.1,56).ccls. and microphone and (feedback same ((gain volume) with (minimum low) with (maximum high)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/11 11:11
S24 4	72	(381/71.1-71.14,94.1-94.7,102-109, 73.1,56).ccls. and feedback and ((setting determin\$4 choos%3) same ((gain volume) with (minimum low) with (maximum high)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/11 11:32
S24 5	32	(381/71.1-71.14,94.1-94.7,102-109, 73.1,56).ccls. and (gain with predetermined with (minimum low) with (maximum high))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/11 13:36
S24 6	87	(381/71.14).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/11 12:02
S24 7	39	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/11 14:08
S24 8	1	S247 and ((root-mean-squared) (fourier) (rectify\$3)) same prior same difference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/11 12:05
S24 9	1	S247 and ((root-mean-square) (fourier) (rectify\$3)) same prior same difference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/22 14:04
S25 0	1	S247 and ((root-mean-square) (fourier) (rectify\$3)) same difference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/11 12:05

EAST Search History

S25 1	13	S247 and (root near2 mean near2 square)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/11 12:06
S25 2	13	S247 and (fourier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/11 13:32
S25 3	1	S247 and (envelope)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/11 12:07
S25 4	1	S247 and (compar\$3 with reference with input with power)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/11 13:33
S25 5	14	S247 and (compar\$3 same reference same power)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/11 13:33
S25 6	12	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).cccls. and (compar\$3 with (reference \$4speaker) with noise with power)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/19 10:54
S25 7	6	("4658426" "4939685" "5402496" "5473702" "5475632" "5608804").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/11 13:38
S25 8	69	("4658426").URPN.	USPAT	OR	OFF	2007/01/11 13:39
S25 9	43	bizjak.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/11 14:08
S26 0	87	(381/71.14).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/18 13:06
S26 1	11	("5319715").URPN.	USPAT	OR	OFF	2007/01/18 13:19

EAST Search History

S26 2	1	("5170433").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 13:20
S26 3	1	"381"/\$.ccls. and adaptive\$2 with (variable near3 attack near3 release)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/18 16:20
S26 4	8	(381/71.1-71.14,94.1-94.7,102-109, 73.1,56).ccls. and (adaptive\$2 with (reaction near3 time))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/19 10:55
S26 5	10	(381/71.1-71.14,94.1-94.7,102-109, 73.1,56).ccls. and (adaptive\$2 same (reaction near3 time))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/19 10:56
S26 6	0	(381/71.1-71.14,94.1-94.7,102-109, 73.1,56).ccls. and (varying varia\$3) near3 reaction near3 time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/19 10:57
S26 8	7	(381/71.1-71.14,94.1-94.7,102-109, 73.1,56).ccls. and (filter transient) with reaction near3 time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/19 10:57
S26 9	13	("3826870" "4122303" "4153815" "4177874" "4417098" "4489441" "4490841" "4815139" "5018202" "5091953" "5097923" "5224168" "5233540").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/19 11:00
S27 0	17	("5416845").URPN.	USPAT	OR	OFF	2007/01/19 11:01
S27 1	40	(381/71.1-71.14,94.1-94.7,102-109, 73.1,56).ccls. and reaction near3 time	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/19 14:44
S27 3	2	(381/71.1-71.14,94.1-94.7,102-109, 73.1,56).ccls. and delay\$3 same noise same (reaction near3 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/10/25 17:25

EAST Search History

S27 4	17	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and delay\$3 same noise same (time near3 response)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/22 09:58
S27 5	8	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and slow same noise same (time near3 response)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/22 10:28
S27 6	12	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (environmental near3 inputs)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/22 10:30
S27 7	40	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/22 10:30
S27 8	21	S277 and (digital same analog)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/22 13:45
S27 9	153	(381/71.4).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/22 10:49
S28 0	132242	S279 and (reaction near2 time) or (time near2 response)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/22 10:49
S28 1	1	S279 and (reaction near2 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/22 10:50
S28 2	15	S279 and (time near2 response)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/22 10:50
S28 3	13	S277 and (plurality same algorithms)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/31 13:35
S28 4	1	("4306115").PN.	USPAT	OR	OFF	2007/01/22 12:47

EAST Search History

S28 5	16	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (power near3 estimat\$3) with algorithm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/23 14:47
S28 6	40	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/22 13:45
S28 7	0	S286 and (rectify\$4 same envvelope same prior same difference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/22 13:45
S28 8	1	S286 and (rectify\$4 same envelope same prior same difference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/22 13:50
S28 9	1	S286 and (rectify\$4 same envelope same difference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/22 13:51
S29 0	40	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/22 14:04
S29 1	1	S290 and ((root-mean-square) (fourier) (rectify\$3)) same difference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/22 14:04
S29 2	1	S290 and (root near2 mean near2 square) same difference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/22 14:06
S29 3	1	S290 and (fourier near3 transform) same difference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/22 16:12
S29 4	0	S290 and (combin44 with environmental with inputs)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/22 16:13

EAST Search History

S29 5	13	S290 and (combin\$4 with environmental with inputs)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/23 14:37
S29 6	13	S290 and ((combin\$4 add\$3 sum\$4) with primary)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/22 16:14
S29 7	40	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/23 14:38
S29 8	13	S297 and (compar\$3 with reference with power)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/23 15:55
S29 9	36	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (compar\$3 with reference with power)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/29 11:32
S30 0	63	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (compar\$3 with reference with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/23 14:59
S30 1	0	S297 and (inidcat\$4 with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/14 16:52
S30 2	13	S297 and (indicat\$4 with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/31 11:21
S30 3	6	("4658426" "4939685" "5402496" "5473702" "5475632" "5608804").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 16:17
S30 4	384	(381/94.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/23 16:20
S30 5	33	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (compar\$3 with reference with noise with level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/02/01 10:11

EAST Search History

S30 6	40	toru.in. and telephone same noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/30 17:03
S30 7	1	terauchi.in. and telephone same noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/30 17:04
S30 8	13	terauchi.in. and telephone and noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/30 17:04
S30 9	40	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/31 11:21
S31 0	13	S309 and (digital same environmental) and analog	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/31 11:27
S31 1	3	S309 and (digital same environmental same analog)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/31 11:28
S31 2	13	S309 and (digital and environmental and analog)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/01/31 11:28
S31 3	40	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/31 13:35
S31 4	13	S313 and (plurality and algorithms)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/01/31 13:35
S31 5	153	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).cccls. and (noise with (greater exceed\$3) with threshold)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/02/01 12:11
S31 6	1	("5832097").PN.	USPAT	OR	OFF	2007/02/01 12:11

EAST Search History

S31 7	2	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and delay\$3 same noise same (reaction near3 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/09 16:45
S31 8	43	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/10/25 17:46
S31 9	0	S318 and (long near2 duration near2 noise near2 floor) with gain	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/10/25 17:46
S32 0	16	S318 and (long near2 duration near2 noise near2 floor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/10/25 17:46
S32 1	11	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and ((noise adj2 floor) near3 (modify\$3 chang\$3) near3 (gain volume amplitude))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/09 16:50
S32 2	93	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (noise adj2 floor) and (gain volume amplitude) and noise and (ambient environment\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/09 16:52
S32 3	93	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (noise adj floor) and (gain volume amplitude) and (ambient environment\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/12 17:42
S32 4	87	((noise adj floor) with (gain volume amplitude)) same (ambient environment\$2 microphone\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/09 18:11
S32 5	33	yang.in. and (noise adj floor) and suppress\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/09 18:14
S32 6	19	fortemedias.AS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/09 18:14

EAST Search History

S32 7	23	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (noise adj floor) with (modify\$3 chang\$3 adjust\$3 compensat\$3) with (gain volume amplitude)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/12 18:08
S32 8	1	"379"/\$.ccls. and (noise adj floor) with (modify\$3 chang\$3 adjust\$3 compensat\$3) with (gain volume amplitude)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/12 17:43
S32 9	7	("6151400").URPN.	USPAT	OR	OFF	2007/11/12 17:47
S33 0	11	("4052678" "4185168" "4405831" "4630304" "4718099" "4887299" "4996712" "5144675" "5329243" "5550923" "5701352").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 17:47
S33 1	0	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (noise adj floor) same ((delay converg\$4) with (gain volume amplitude) with (error adj2 (correct\$3 compensat\$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/13 12:58
S33 2	48	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (negative adj2 feedback) same (gain volume amplitude) same reference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/12 18:35
S33 3	16	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (negative adj2 feedback) same (gain volume amplitude) same reference same (microphone ambient environment\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/12 18:35
S33 4	90	(381/71.14).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/12 18:37
S33 5	1	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (noise adj floor) same ((delay converg\$4) with (gain volume amplitude))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/13 13:14
S33 6	44	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/13 13:01

EAST Search History

S33 7	3	S336 and binary	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/13 16:49
S33 8	41	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (windows with (open\$2 closed))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/13 14:53
S33 9	28	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (roof doors) with (open\$2 closed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/13 13:20
S34 0	36	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (modify\$3 adjust\$3 chang\$3) with ((window\$1 door\$1 roof) with (open\$2 closed))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/13 16:21
S34 1	434	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (noise near3 control\$4 near3 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/13 16:27
S34 2	1	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (noise near3 control\$4 near3 signal) with SNR	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/13 16:28
S34 3	3	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (control\$4 adj signal) with SNR	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/13 17:10
S34 4	0	S336 and (noise adj2 sensitivity adj2 control) same signal-to-noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/13 17:07
S34 5	16	S336 and (noise adj2 sensitivity adj2 control)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/13 16:50
S34 6	0	S336 and (control\$4 near2 (signal-to-noise near2 ratio))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/13 17:08

EAST Search History

S34 7	7	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and control\$4 near2 (signal-to-noise near2 ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/13 17:43
S34 8	374	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (signal-to-noise near2 ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/13 17:56
S34 9	13	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (modify\$3 chang\$3 adjust\$3) near2 (signal-to-noise near2 ratio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/14 11:05
S35 0	4	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (delay\$3 with converg\$3 with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/14 11:17
S35 1	44	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (delay\$3 with (change modif\$7) with noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/14 11:18
S35 2	0	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (delay\$3 adj3 (response because) adj3 (change modif\$7) adj2 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/14 11:19
S35 3	1	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (delay\$3 near3 (response because) near3 (chang\$3 modif\$7) near3 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/14 11:21
S35 4	2	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (delay\$3 near3 (respon\$4 react\$3) near3 (chang\$3 modif\$7) near3 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/14 11:23
S35 5	24	(381/71.1-71.14,94.1-94.7,102-109,73.1,56).ccls. and (slow near3 noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/14 14:46
S35 6	39	(381/71.1-71.14,94.1-94.7,102-109,73.1,56,312,317,318).ccls. and (microphones sensors) and (hearing adj2 aid) and (converg\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 09:42

EAST Search History

S35 7	64	(381/71.1-71.14,94.1-94.7,102-109,73.1,56,312,317,318).ccls. and (microphones sensors) and (hearing adj2 aid) and ((continuous\$2 iterative\$2) with (modify\$3 chang\$3 adjust\$3 adapt\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/14 15:00
S35 8	1	("5416845").PN.	USPAT	OR	OFF	2007/11/14 16:06
S35 9	0	S358 and (hearing near2 aid)	USPAT	OR	OFF	2007/11/14 16:10
S36 0	1	("6151400").PN.	USPAT	OR	OFF	2007/11/14 16:10
S36 1	7	("6151400").URPN.	USPAT	OR	OFF	2007/11/14 16:10
S36 2	11	("4052678" "4185168" "4405831" "4630304" "4718099" "4887299" "4996712" "5144675" "5329243" "5550923" "5701352").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/14 16:22
S36 3	44	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/14 16:53
S36 4	17	S363 and ((combin\$3 add\$3 sum\$4) near3 outputs)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 14:23
S36 5	2	(381/71.1-71.14).ccls. and (environment\$2 adj3 input) same (negative adj2 feedback)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/18 18:27
S36 6	7	(381/71.1-71.14,94.1-94.7,102-109,73.1,56,312,317,318).ccls. and (control\$3 near3 SNR)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/18 18:43
S36 7	34	(381/71.1-71.14,94.1-94.7,102-109,73.1,56,312,317,318).ccls. and ((control\$3 chang\$3 adjust\$3 modify\$3) near3 SNR)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/18 18:58
S36 8	45	("381"/\$).ccls. and ((control\$3 chang\$3 adjust\$3 modify\$3) near3 SNR)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/18 19:10

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S36 9	32	("381"/\$).ccls. and ((chang\$3 adjust\$3 modify\$3) near3 signal-to-noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/18 19:11
S37 0	275	(381/71.1-71.14,94.1-94.7,102-109, 73.1,56,312,317,318).ccls. and (microphones sensors) same (hearing adj2 aid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/18 20:07
S37 1	3	((("5499302") or ("5426703") or ("5170433")).PN.	USPAT	OR	OFF	2007/11/18 20:08
S37 2	44	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/19 09:36
S37 3	1	S372 and (reference adj2 input\$1) near2 output near3 power near3 level	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 10:09
S37 4	1	S372 and (reference adj2 input\$1) same output same power same level	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 09:37
S37 5	16	S372 and (reference) same output same power same level	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 09:37
S37 6	662	(381/71.1-71.14,94.1-94.7,102-109, 73.1,56,312,317,318).ccls. and (microphone\$! sensor\$1) same reference same noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 10:12
S37 7	5	("3814856" "4425481" "5524056" "6101258" "6394947").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/19 09:48
S37 8	16	S372 and (reference adj2 input\$s)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 10:12
S37 9	16	S372 and (reference adj2 inputs)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 17:33

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S38 0	44	(381/71.1-71.14,94.1-94.7,102-109,73.1,56,312,317,318).ccls. and (reference adj2 inputs)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 14:05
S38 1	3	("5434922" "5450494" "5666426").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/19 13:28
S38 2	3	(381/71.1-71.14,94.1-94.7,102-109,73.1,56,312,317,318).ccls. and ((reference environmental ambient) adj2 inputs) near3 (combin\$3 add\$3 sum\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 15:29
S38 3	117	(381/71.1-71.14,94.1-94.7,102-109,73.1,56,312,317,318).ccls. and (microphones sesnsors) near3 (combin\$3 add\$3 sum\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 14:45
S38 4	44	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/19 14:24
S38 5	1	S384 and (primary adj3 environmental adj2 input)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 14:24
S38 6	1	S384 and (primary near2 environmental near2 input)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 14:36
S38 7	16	S384 and (primary with environmental with input)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 14:37
S38 8	65	(381/312-331).ccls. and (microphones sesnsors) near3 (combin\$3 add\$3 sum\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 14:56
S38 9	682	(381/71.1-71.14,94.1-94.7,102-109,73.1,56,312,317,318).ccls. and (\$4speakers transducers) same (microphones sensors)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 15:31

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S39 0	52	(381/71.1-71.14,94.1-94.7,102-109,73.1,56,312,317,318).ccls. and (\$4speakers transducers) same (microphones sensors) same (difference subtract\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 15:37
S39 1	14	(381/71.1-71.14,94.1-94.7,102-109,73.1,56,312,317,318).ccls. and (\$4speakers transducers) with (microphones sensors) with (difference subtract\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 15:31
S39 2	0	(381/71.1-71.14,94.1-94.7,102-109,73.1,56,312,317,318).ccls. and (\$4speakers transducers) same (microphones sensors) same (difference subtract\$3) same (negative adj2 feedback)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 15:37
S39 3	0	(381/71.1-71.14,94.1-94.7,102-109,73.1,56,312,317,318).ccls. and (\$4speakers transducers) same (microphones sensors) same (difference subtract\$3) same (feedback with (decreas\$3 reduc\$3 lowers) with output)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 15:39
S39 4	0	(381/71.1-71.14,94.1-94.7,102-109,73.1,56,312,317,318).ccls. and (\$4speakers transducers) same (microphone sensor) same (difference subtract\$3) same (feedback with (decreas\$3 reduc\$3 lowers) with output)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 15:39
S39 5	79	(381/71.1-71.14,94.1-94.7,102-109,73.1,56,312,317,318).ccls. and (\$4speakers transducers) same (microphone sensor) same (difference subtract\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 15:39
S39 6	10	(381/71.1-71.14,94.1-94.7,102-109,73.1,56,312,317,318).ccls. and (\$4speakers transducers) same (microphone sensor) same (difference subtract\$3) same feedback	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 15:40
S39 7	44	bizjak.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/19 17:34
S39 8	1	S397 and (prior before) near3 determin\$3 near3 difference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 17:34

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S39 9	1	S397 and (prior before) with determin\$3 with difference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 17:35
S40 0	1	S397 and (prior before) same determin\$3 same difference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 17:53
S40 1	1	S397 and (plurality near2 (time error amplitude) near2 algorithms)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 17:54
S40 2	3	S397 and (plurality near2 algorithms)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/19 17:54